ne 10 South 7th. Paped M.g. 1898 An Arangural Chay On Offereure The degree of Doctor of Medicine The University of Peursylvania By States Bailey of Jeorgia Suitatel Shire Sancay Sanway the 10 1828

Among the numerous remeles of the Matria blestion at this period, there are none that people more active, and consequently more a suggeous promes than the mericial me their metal in both more sections, this emetal it is sail haveous exects our colusive, this ental it is what system Equally his exclusive influence overthe what system Equally his exit that many if them are so distinguish that they caused be administed over in a made day, will out I peakly desloying the life of the industrial

of it, as an askade of the Makina its size, it was only reverted to, as a semaly on the most inequal occasions, it not this personation, is now almost existing abundance and there exist but till doubt, that it is exhibited by many respectably for all the househourse of this is eviles alternating wells probably for till desiration. This instruminate instruments of an active remety, askit it has been the labour of some few works to there we have a seek to this writing our are much institute, for having pointed

For some length of time after the intro duction

out many of the dangerous offsets that have one may of course a fine result of one a too like at and surgerous use of them. They have shown endisively that the surremed medicine, have not may have voutucky absence, but that they have of his aggressatul the existing sisesee and been producted of surrows.

As a medicine there is de acrety an instruction that it may not by a people in an agriculty fly, but from the pentiustic, what from the persister, what it for the persister, to what have not show able for the weart of this knowledge, to a frigm to it a poor per place among the removal a gueen nor have fly been able, to a green persisted a gueen provided principle, for it a summisher above as to enable wearth principle, for it a summisher above as to enable wearth and administration of a summisher above to were without sometimes above ingit:

I must have a the worked of that I seemed being fish on which the admitst at a furnishing suited with it I afe as will illustrate at a furnishing suited with it I afe.

be expected of me, a more type in the remes of maxicial, when it has so often been unsucceptfully alleigned by the altest of the maxical profession, millioned power that I be alter for the want of these to enterminate, into the consecution of the subject as it justly muits. It would not only solved this spay for beyond the would not only actual this spay for beyond the leasts that is usually afrigand to an inavail defermation that is usually assigned to an inavail defermation which I can offer no preturness.

whom the human body are aren white investigated to duly exceptioned, it amount fail to painted to we that it has leave to amount for the second to much sort has been too amost velicat on in the treatment of many disease, which afflict the human vace. From the savey that along tents in the administration of the mercuial maximum in any form or fore paralline a self intellect for to richer a rune by ought to be formed, when from the residue a rune by ought to be formed, when from the

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nature of the case, they are not absolute by called for. It is not intended by these remarks to allege that there are no cases whatever in which none of the mercurials ought to be employed, but it is contended that there, strong office tions to their use in the treat ment of many and especially febrile diseases, not only because they are incompatible with the indications that they are intended to fulfill, but that they are in many instances attended with ininent danger. It is the object of this epay to inumerate the effects that are produced from their use, and to enquire un der what circumstances they may be relied on in the treatment of febrile diseases. In doing so I shall take the liberty of avaling my self of the recorded of acts and observations of others to illustrate these observations. In detailing the offects that are produced upon the hum an system by the preparations of mercury either internally exhibited or externally applied it may be necessary for me to remark, in

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this place, that schilbre they may of scale on the general system through the medium of the black or communicated through the medium of the services system, they very little of part term given in sufficient quantities to produce many distributions consequences.

The effects of marcury on the general system. It at first were ass the action of the heart and arlevies the pulse becomes quich, linse and occasion ally full, this state is soon followed by lender up of the gums, accompanied with a peculiar metallies. taste of the mouth and foctor of the breath and of the perspiration, carried to a greater extent, the longue, gums and salivary glands, become swalled, and the beth painful and loose. This state continuing for Some line, is succeeded by an abund and flow of salva, and not unfrequently a copious discharge from the liver, panere as, 12 id neys, 4. Son all ileerations make Their appe arence on the longue, gums and ref of the mouth, the appetite fails occasion sily pains

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are falt in the stomact and broad the countriance acquires a peculiar approxime, indicating of action bolly of the sortion, and much shally and emaciation takes there.

The effects of the mercurial madecines whom the reneral system which have been mum rated whear who a minute examination to be allended with the mast obvious circumstances that allowed on fabile and in fam malow disorders. Thus the inercased action is the weart out arteries the outhout come and ig the boom, which is allerded with an augmentation of animal weat does not differ , rome whiat wow ally coveres in these distastes. But in ; chie of dies than wast an alter change whom the senseth qualities of the Good, walker s then way unusual flow i the or were son son bounder into matery disorders then as a material alteration in the blood and not univequently then is wither some on of the seenus mordinally in exased or then is a lope our consisten, more Arequestly the out condition in vail with the now repose

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where the inverse action of the best and actions is exercised by the sure of sources, another difference between the selice produced by moreover and that in information disording is indicated by interpretation as their inspections of indian matery diseases are not so to be probleme as their back are have described in the case of the control of the control of the moreover of or even to not between a few moreovers of the most or described in the control of the control

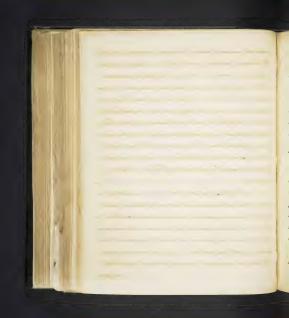
It opposes therefore that the mercurial annotvery produce the same injurious changes upon the sydem texts these varying from an influence making of another heard, but also extens of feel presidents to do off mercurilary to barrachest preserve a four defluence man at them, may be barrachest with an increase of the animal variety which is alterstated with an increase of the animal variety of the the invertinal without a literal want and underst

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encouse quenes of the use of mercury or allanded with an willred state of the Bood and debility, and at the Same limit accompanied with in mercase of the various sections, this loc with out haveny any budency to allay the mordinale a client of the he art and arteries it must immitally on derment with rapidity the constitution, and show a there atthe line exist any ulser stiens on the rody they must restaining beck meed into mational loves. Thate in colo in mount Arosse bre pudice and we accounte observations have bee Mysicans to allow bute them to clair causes. But copenence has proved such consissions to be assured. This the injurious effect of mereun, in to kulle cases were office butia to the joint effects of the mercung and the renend power. at other times to the meroury, calling into action Ther discuses, as scoopula, secury, cancer to orlo the alleralion, to which the appellation of phage dana was own. These were the unifounded opinions of worlers, litt the sublication of a work by Mathias on the mer conor dise as es, in which he has shown concusionly, that there

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we coot aim changes produced upon the alcoration originally or filiable and also certain decompments of he althe whose com the necessary medicines have been administred wher we his acred a form rim too book analytis.

In coure ou une of mercun affection the nervous Sustan, it has produced a bruin of Sunt. ioms that are far from bring, salutary, hing attended with distrils and & anger, and furmament injury, to the constitution. These of course occurring in degreene degrees in deferent subjects, temporary, delinium is inauced in June, in others, palsy, and exilipsy take place, and others have their memory and judge ment more or lep unhance, in some instances wen de alle hasbeen . he consequence. Umong the anomalow complaints that are produced from the use of mercury, by als action being devilored on the nervous & uplem, may be enumerated an impared or expressions abrelite with all the orden any symbioms of undique tion warming

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retakings and flaterince in the morning, with a disturbed sleep, the vision impaired and frequent hains in different fe arts of the body . In many instances when given in sufficient quantities it broduces other deviations grow he with, and if these the most sommon is an exercive diarrhoea, often weenpaneed with a discharge of theed from the towels, and is oft to acureous Where the mere way, has been outled on the Just are. Ca processes. has proved that in palitule labouring under serofulous effections or uterations of the Soft parts and caries i the some which may be owing to an ill con diliona of the Typhen, these discuses we much overlorated in thisprograf by the use of mercury. an other consequence of this me decine is, that it frode cera nobul attachion of the skin, which is den styled under vanousmement by different writers as the orythina mercunal, regimamercurale, hydrarayna & This enables of the Stien is use ally fire ce ded by heat and it himes, frequent pulse, a white tongue, gradually becoming deeper, the emp -

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lions proceeding by degrees one the while body with him - of action of the thin and goe at in durch, heat of whether gare.

To these many other offices equally as distripine might be added, but there that i are been named are Juin . ficient to point out the danger that also appearst, in to you by administration of the mercurial medicines. But not with standing, all theh agards that may resultfrom an indisprime mate use of mercury, there can be me doubt whatever, sut that un servation retrictions, it is a medicine that is described of high claims to the condidence of the me was wo, i rion, but it curred be and milled, as some neave continued now, that it is a medicine of value during will the sewing of fibrile diseases, even in the commencement or or or one the game is formed. This method of treatment is ounded on the principle suggested by the celebration Hunter, that lus defforent diseases cannot exist in the very al one and the same line, we have they said intolated different 2...

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Store lune. This gast is too well established to be derived with this view them, the movement of, are to sacrete a diseased relien in the sysem that is it's senserous than the prim and one hourse activity with sufficient power lo supersa le it. That such is lin effects of mercury is new , are in oursey and milledy in Some instances. But if it were practicable to excite the mercurial action Suddenly, is it not will he now by sie, that it was not; in many instances, sublue they wer and hat the In this it the medicine have been Juck as to prove falal i and wet it is contended by many that the only weighty, objection to this plan of treatment, is the occasional occurrence of Salivation, and Should this be the consequence not with standing the limpe orany, in convincence to the palient, it would be a matter of little moment in comparison with the hortracted dut wing, and danger, which are always infallably, hrivinted Though we are told by those who advocate

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the use of mereury in fevers, and place their rok de relience on it in their trialment, that it is a soverign name dry, when it excites plus alism, it is to be need tooled, that this is by no means an infallable offert, as care are numerous en ough to the contrary, on records. It ap pe ars now sus an author to be about, that is unsetted whether there have been more liers prodone and by the offeels of a lime so bely alism, than have been last by the unsuceleful en deavours, to mer curialize the bystem, and there by excluding other measures that might have proved successful. To estimate this practice correlly and to judge its just ments, & the extent to which it is to be relied on by the Physician, it may be newpary to enquire into all the war ous States of the system. It at have henforing mostly to ossist its action, and how of ar artificial means may be required to meder them sussiblitte to its action, When the mercurial medicines have failed to exalt in the Lyslem their peauli ar action, or win

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when it so a spheres, that persons are met with undulup tible to the action of the medicine asto make it extremely difficult and in some instances even impossible to excite a salivant offect, unless me usures be resorte a to capable is somering such nisteness to its oferation These Males of the system have been a very fishe, or a very of all and phologistic habit -of body, and upecially when there existed, at the lime, much of while action In the former con dition of the system oferem, wine and the back, are found to be of an in dispusable whitey, and in the latter where ever it was oh aracterised by a high degree of artistal excite ment-the mercurial action has never been known to be readily ensited unless preseded by solious defletions There is still on other state of the system, which is said me ther to be con nected with ple thora nor debitity, but in which, not with standing there sails a powrogal orsis luice to the operation of the owne dy and in which wither bleckings or opides are of the least-wail. under such circum stances, it will require the most powerful



and prometet me as was, such as pur fings amiling ofte. to unakening the suspect libility of the system to the influence of the own edy. It is own which by a rispecisle title worter Do Paris, that he has always found in his practice the system in a strong, and healthy, condition, to offer a new lence to the operation of mercury, which is our some the moment the stom ash becomes deranged the circulation Pare fuid, or the general Lone of the system imp aired. The allemple to explain These off cals of nausea and other causes, which may lent to derause the disistin organs, by singgesting, that they influence the action of mercury, by we ak ning, the powers, which nature in a he at they state in any possels in our coming the necelurer, to the and supion of poisonous suls in us into the en-curation. This explanation, is, totally by polhetical, and it will only be nearbary for me to state to the contrary, that it is now perfectly ascertained, that a state of health is in you -



crai the most of accourable consistion of the system for the necessial action to be executive, and a consequently my deviation from the state must offerin proportion a assistment to its specialism.

If then it be true, that the mereuvial action can not be readily excited where there exist much morted excite ment, wither of a feeble and exhausted con. dition or of a very full and phloastic state of lody, it must appear very widently that too little stoils has her laid upon the importance of avoiding the use of the mercurial me di sins, un der such circumstances, till a court of fireparatory me and be instituted, so as to favour its peration. The daily use of mercury in the cure of by philis, severs to exemplay, satisfactorily, the peauliwrity of its action and to point out to usuhat condition of the system is most of avourable to their con-Hitetional affections. If it be administered with. out paying due regard, to the foreautions recommended by author, how often do we observe it to be

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administrate for it are ama were weeks, in policiting aple throne habit, with not affecting the constitution or without bunefitting in the blightest segree, the simulation with the astrophymen its or aways agone the conductation will be vary more to be strangered to the the or thought of my strangered to blightest the method of the entrance of my ulating the achieves the method was achieved the method was achieved to be method to be to be to be method to be to be to be method to be to

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Som the fore going observations, it will be per across, it will be for bill diseases have been refore the less of the actival displan and the action of the sensely of the after displanation to the action of the sensely of the after and the with each other, and notwith homeing the authority infavour



of the practice, the operation of merany must not only be in compatable with the indications which il is given to fulfil, but were entirently it are givens. For from the ancestainty there is, when and lowlest extent, its action will be produced, when once the system is one dered susceptible to its ingluence. The practice of ire scribing the mercurial medicines in the forming Haya of most fores, may of present be said to be, at it is a very common, if not a unworsal one, in this us well as other countries, and particularly with the physicians of the southern parts of the united Hales, but their success in exciting the salivant effects of the remedy, must in a great many instances be defendant on the xaministration of the mexicue in those fores, which if they were perfectly former, in character or type, would have yielded to a practice much life hazardous and more expeditions. For there are but few physicians who are not will aware of the fact, that if they are not called on or medical

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aid, previous to the third or fourth a ay, after the firm has been well marked, that there is no certainly of success in procureing the salivant effects of the medicine and that it is liable, when it has any influence instea of diminishing to coincide with the existing morbid action and thus aggravate the very symptoms which it was intended to counteract. Condemning the mercurial medicines in fibrile dinoses, during the violence of their inflam mutory study, while there wish a high degree of arterial excitement, yet it must unquistion ably be admittere, that there are some stages of febrile discover in the tre alment of which, the in die ation of the mercurial medicines, are not only called for, but during which the com-Milelional effects of it may be readily excited. It is or marked by Dr Lockson, that where the dise are is of the intermittent or or mittent type, The intermission or or onission distinct, the Shine Soft, thin worm and perspirable, the pulse free

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and expansible, in short where the symptoms are of a secondary degree of violence, the salivary glands are for the most part soon affected by mercury, whether given internally of applies ex termally by frictions, and that when the sativary glands are affected, and a fore and a opious Salivation is established, the disease or dinarily about int orce, win sometimes ce ases allogether The sula is a general one, but not absolute instances occur, and not unfrequently, where the parrayon orturns after salivation is fully established, en some are recorded where death has not been arroted, though the or pulia signal of safty was present. 2th where fenr is, of the continued king whether endemie, epidemie or contagious, the symptoms violent, the heat want the skin compacted, day and torped, as connected with excepion excite ment and precipitate action, or this. gor asy, damp and in amountate as connected

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with meeting exactioned and portificate action or thick, grousy, it anop and in unwale as consider with a constriction and diminished energy of the capit eary system, calonel is sometimes jurn internally, ingreat or lend, mercurial visitinent bring at the same lime nether whose the way one we see at swantities with net the Salwan glands, being in any de some a feeled on it, in other com the gums become spongy and live a, the breath mits the mercure of foctor but noch and is officted on the course of the disease, which proceeds uniter supleaty to a falal or of avourable termination in defendently if the saturation of the system with moreury, 3the In quiris of sion more ment and probabled duration, more particularly, in such as are complicated with congestion, in the more importand organs within the abdominal cavity, the internal exhibition of mercury and the calornal application of it by friction, carried to the extent of two ducins, more ones of ply alism. has appeared to myself to be a some dy is -I al we, infact to be the only runedy, estecially as ai dock

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by medicated diet by frictions, balkings. The occasional ebstraction of blood, in small quantities with exercise by gistation on which any depend ance, for offeling, alure, or even for prolongues, of like It appears us conducted en this more sur, to sperate than get on disease a organitation. to law the sound alion on which such thanges well as lo ne with way haffectually operated by other me was. Us respect the foregoing umarket may be meetary in The stace to At ate. that the will were of dimete and silved. lion, upon the constitution of the inhabitants in different parts of the world are entonmely you at, and that disease of the same him a will not only require a breatment differing, in de gree but in kind. This we le arm from the writings of medical over in different countries, as for instance the in habitants of France, ovar vine section in almost wary. form of four that occur there, with out injury and often with wident bungit. But in Staly it is injurious nearly in every instance. There are some constitutions, within Germans, which imeties and other walverts agree.



with, may will while hadorfree and cordials built had to animate and warm the phologotic Hollander how from this good influence of Charate and Lituation upon the in habitants in different countries and in dif feveral parts of the same country, will it not be nasanable to suggest that in the law latitudes of the west hadisableance. the dise are more for questio from him character, indicate the use of mercury, and that conditution is more susceptible to its operation than it is in different parts of the lumber al Italis. From the reincumstance it must appears, that it is highly apoulial for a physician to compare the climate and the soil of the country, in which and the has been in the habits of making his observations with there of his own, but one he submits to be governed by his order or activise. well this is done he will be at aless to know, whether the practice of the author that he may have the occasion to consult, will apply to the dis use where he resides or not. In this clim ale intermettent guris

are seldown so obtinate as not to yield readily to remadies that are much mil der in their speration and which will produce all that could be expected from the mercurials without in worns, in any degra. The general system where as more of the marcurial preparations can be a animistered, without the risk of some consequences ensuing that could mother be expected nor intended, by the physician By some writers the mer curials are much praised in the irent ment of Try phus from Do Hush has station that the pulse become fuller, slower, and was succeeded by eviduet amendment in the typhus metion on the Super vention of salivation. It is also observed by Dr Warren, that in cases of by this when debility had necessar very of real and in which stimulants, such as wine back &c. had been used wifferbrally a few does of calonel meiled the system to action and the patient immediately be gan to occoon By Armstrony, this practice is highly calotted. particularly in the congestion of the disease. He Hates that he gave it in large does in its early stages so as to



process full alone evacuations, and at the same time to obtain the attraction officets of the mexicine as early as popular.

To doubt such an thority as the as the above cited, may appear absurd, but it may be said with safety, that it is a question whith they. sicians, whether mereurial saluation onght wor to be attempted in typhus for experience teaches that, until the violence of the furr is subdued, wither by the progress of the disease, or by the aid of some other rimedies, it is found lotally imprace ticable to pro duce any such effects, of the owner day This objection might be urged against the use of those medicines in all furre where there is much derangement in the action of the hart and arteries, whether they be of an intermettent momeltent or of a continued type. It has been remarked by air thority that as a general rule, an yattempt should only be made to mercurial.

though that a may be made

ize the system in those fores of a remillion of form and which are symptomotic of local inflammation, and in such cases of those only, any are protracted or dang anderoses after liberal defletions There is in general connected with the remettent forms, in many sections of the united states a mobile condition of the library secretions and not unform quently symptoms of local inflammation, which are independent of the existing of ever, here the use of mercury is not only called for, but when the circulating system has been moderated, and by the needary warrents, the secretions are all opened, in general the muision of the fever, will be helpficient to influence the action of the medicine, with the happisst offects.

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